

CLAIMS

What is claimed is:

1. A method of using a computer system to generate reports, comprising:
 2. populating a database with collected commerce information, said collected commerce information including conditional purchase offers submitted by buyers, said conditional purchase offers including,
 5. buyer-specified offer prices for goods or services, for use as a basis for determining levels of demand for the goods or services;
 7. receiving a request specifying criteria for selecting collected commerce information, said criteria generated from a user's selections made within a user interface;
 9. selecting demand information from collected commerce information based on the user's selections; and
 11. generating a report of the demand information for the goods or services based on the user's selections, wherein the demand information includes current demand levels for the goods or services.
 1. 2. The method of claim 1, wherein said criteria for selecting collected commerce information includes targeted demand levels for the goods or services.

1 3. The method of claim 2, further comprising,
2 calculating suggested strike prices at targeted demand levels based on the requested
3 targeted demand levels,
4 wherein the strike price is a minimum price at which a conditional purchase offer will
5 be accepted; and

6 transmitting the suggested strike prices in response to the request specifying targeted
7 demand levels for the goods or services.

1 4. The method of claim 1, wherein the computer system is accessible at a
2 traversed navigation location and provides facilities tailored for a commerce system.

1 5. The method of claim 4, wherein the computer system is tailored for air travel
2 commerce.

1 6. The method of claim 4, wherein the computer system is tailored for hotel
2 commerce.

1 7. The method of claim 1, wherein the database is from an associated commerce
2 system.

1 8. The method of claim 7, wherein the database association is based on login
2 information.

1 9. The method of claim 7, wherein the database association is preset based on a
2 tailored commerce system.

1 10. The method of claim 7, wherein the database association is limited to
2 databases specific to a provider.

1 11. The method of claim 7, wherein the associations are based on selection results
2 made in a database selection facility.

1 12. The method of claim 1, wherein selecting demand information is limited to a
2 specified vendor.

1 13. The method of claim 1, wherein selecting demand information is limited to
2 cached rejected CPOs.

1 14. The method of claim 1, wherein selecting demand information is limited to
2 unaccepted unexpired CPOs.

1 15. The method of claim 1, wherein selecting demand information is limited to
2 pending CPOs.

1 16. The method of claim 1, wherein selecting demand information includes
2 accepted CPOs.

1 17. The method of claim 1, wherein selecting demand information includes
2 historic demand information.

- 1 18. A computer program stored on a computer readable medium, the program,
2 comprising:
3 a module to populate a database with collected commerce information, said collected
4 commerce information including conditional purchase offers submitted by buyers, said
5 conditional purchase offers including,
6 buyer-specified offer prices for goods or services, for use as a basis for to determine
7 levels of demand for the goods or services;
8 a module to receive a request specifying criteria for selecting collected commerce
9 information, said criteria generated from a user's selections made within a user interface;
10 a module to select demand information from collected commerce information based on
11 the user's selections; and
12 a module to generate a report of the demand information for the goods or services based
13 on the user's selections, wherein the demand information includes current demand levels for
14 the goods or services.
1 19. The medium of claim 18, wherein said criteria for selecting collected
2 commerce information includes targeted demand levels for the goods or services.

- 1 20. The medium of claim 19, further comprising,
2 calculating suggested strike prices at targeted demand levels based on the requested
3 targeted demand levels,
4 wherein the strike price is a minimum price at which a conditional purchase offer will
5 be accepted; and
6 transmitting the suggested strike prices in response to the request specifying targeted
7 demand levels for the goods or services.
- 1 21. The medium of claim 18, wherein the computer system is accessible at a
2 traversed navigation location and provides facilities tailored for a commerce system.
- 1 22. The medium of claim 21, wherein the computer system is tailored for air
2 travel commerce.
- 1 23. The medium of claim 21, wherein the computer system is tailored for hotel
2 commerce.
- 1 24. The medium of claim 18, wherein the database is from an associated
2 commerce system.
- 1 25. The medium of claim 24, wherein the database association is based on login
2 information.
- 1 26. The medium of claim 24, wherein the database association is preset based on a
2 tailored commerce system.
- 1 27. The medium of claim 24, wherein the database association is limited to
2 databases specific to a provider.

1 28. The medium of claim 24, wherein the associations are based on selection
2 results made in a database selection facility.

1 29. The medium of claim 18, wherein selecting demand information is limited to
2 a specified vendor.

1 30. The medium of claim 18, wherein selecting demand information is limited to
2 cached rejected CPOs.

1 31. The medium of claim 18, wherein selecting demand information is limited to
2 unaccepted unexpired CPOs.

1 32. The medium of claim 18, wherein selecting demand information is limited to
2 pending CPOs.

1 33. The medium of claim 18, wherein selecting demand information includes
2 accepted CPOs.

1 34. The medium of claim 18, wherein selecting demand information includes
2 historic demand information.

- 1 35. An apparatus, comprising:
- 2 a processor;
- 3 a memory, disposed in communication with said processor; and
- 4 a program, stored in the memory, including,
- 5 a module to populate a database with collected commerce information, said collected
- 6 commerce information including conditional purchase offers submitted by buyers, said
- 7 conditional purchase offers including,
- 8 buyer-specified offer prices for goods or services, which may be used as a
- 9 basis for to determine levels of demand for the goods or services;
- 10 a module to receive a request specifying criteria for selecting collected commerce
- 11 information, said criteria generated from a user's selections made within a user interface;
- 12 a module to select demand information from collected commerce information based
- 13 on the user's selections; and
- 14 a module to generate a report of the demand information for the goods or services
- 15 based on the user's selections, wherein the demand information includes current demand
- 16 levels for the goods or services.
- 1 36. The apparatus of claim 35, wherein said criteria for selecting collected
- 2 commerce information includes targeted demand levels for the goods or services.

1 37. The apparatus of claim 36, further comprising,
2 calculating suggested strike prices at targeted demand levels based on the requested
3 targeted demand levels,
4 wherein the strike price is a minimum price at which a conditional purchase offer will
5 be accepted; and
6 transmitting the suggested strike prices in response to the request specifying targeted
7 demand levels for the goods or services.

1 38. The apparatus of claim 35, wherein the computer system is accessible at a
2 traversed navigation location and provides facilities tailored for a commerce system.

1 39. The apparatus of claim 38, wherein the computer system is tailored for air
2 travel commerce.

1 40. The apparatus of claim 38, wherein the computer system is tailored for hotel
2 commerce.

1 41. The apparatus of claim 35, wherein the database is from an associated
2 commerce system.

1 42. The apparatus of claim 41, wherein the database association is based on login
2 information.

1 43. The apparatus of claim 41, wherein the database association is preset based on
2 a tailored commerce system.

1 44. The apparatus of claim 41, wherein the database association is limited to
2 databases specific to a provider.

1 45. The apparatus of claim 41, wherein the associations are based on selection
2 results made in a database selection facility.

1 46. The apparatus of claim 35, wherein selecting demand information is limited to
2 a specified vendor.

1 47. The apparatus of claim 35, wherein selecting demand information is limited to
2 cached rejected CPOs.

1 48. The apparatus of claim 35, wherein selecting demand information is limited to
2 unaccepted unexpired CPOs.

1 49. The apparatus of claim 35, wherein selecting demand information is limited to
2 pending CPOs.

1 50. The apparatus of claim 35, wherein selecting demand information includes
2 accepted CPOs.

1 51. The apparatus of claim 35, wherein selecting demand information includes
2 historic demand information.

1 52. A system for using a computer to generate reports, comprising:
2 means to traverse a navigation location for a commerce demand system;
3 means to obtain login information;
4 means to identify at least one database associated with the commerce demand system;
5 means to provide a demand survey facility;
6 means to obtain a demand survey request in the demand survey facility;
7 means to query the associated databases based on the demand survey request;
8 means to rank query results;
9 means to format the ranked query results;
10 means to provide the formatted query results.

1 53. The system of claim 52, wherein the commerce demand system at the
2 traversed navigation location provides facilities tailored for the commerce system.

1 54. The system of claim 52, further comprising,
2 means to provide a desired demand requirement facility;
3 means to obtain a desired demand requirement request in the desired demand requirement
4 facility, wherein the desired demand requirement facility suggests a strike price and projected
5 demand levels based on obtained demand requirement information;
6 means to update the strike price to induce actual provision demand to match desired
7 provision demand.

1 55. The system of claim 53, wherein the tailored commerce demand system is an
2 air travel commerce demand system.

1 56. The system of claim 53, wherein the tailored commerce demand system is a
2 hotel commerce demand system.

1 57. The system of claim 52, wherein the associated database is from an associated
2 commerce system.

1 58. The system of claim 52, wherein the database association is based on login
2 information.

1 59. The system of claim 53, wherein the database association is preset based on a
2 tailored commerce system.

1 60. The system of claim 52, wherein the database association is limited to
2 databases specific to a provider.

1 61. The system of claim 52, wherein the associations are based on selection
2 results made in a database selection facility.

1 62. The system of claim 52, wherein a database schema is read from the
2 associated database.

1 63. The system of claim 52, wherein associated tables from the schemas are
2 identified.

1 64. The system of claim 52, wherein the demand survey facility obtains demand
2 facility presentation information from the associated database.

1 65. The system of claim 64, wherein the obtained demand facility presentation
2 information for the demand survey facility from the associated database is a list of airplane
3 types.

1 66. The system of claim 64, wherein the obtained demand facility presentation
2 information for the demand survey facility from the associated database is a list of hotel
3 room types.

1 67. The system of claim 54, wherein the desired demand requirement facility is
2 webform.

1 68. The system of claim 54, wherein the desired demand requirement request
2 includes the strike price.

1 69. The system of claim 54, wherein the desired demand requirement request
2 includes targeted demand levels for goods or services.

1 70. The system of claim 52, wherein querying the associated databases based on a
2 demand survey request is limited to a specified vendor.

1 71. The system of claim 52, wherein querying the associated databases based on a
2 demand survey request is limited to cached rejected CPOs.

1 72. The system of claim 52, wherein querying the associated databases based on a
2 demand survey request is limited unaccepted unexpired CPOs.

1 73. The system of claim 52, wherein querying the associated databases based on a
2 demand survey request is limited to pending CPOs.

1 74. The system of claim 52, wherein querying the associated databases based on
2 demand survey request includes accepted CPOs.

1 75. The system of claim 52, wherein querying the associated databases based on
2 demand survey request includes historic demand information.

- 1 76. A system for using a computer to generate reports, comprising:
- 2 means to traverse a navigation location for a commerce demand system;
- 3 means to obtain login information;
- 4 means to provide a desired demand requirement facility;
- 5 means to obtain desired demand requirement request in the desired demand requirement
- 6 facility;
- 7 means to identify at least one associated database;
- 8 means to query the associated databases based on the demand survey request;
- 9 means to obtain current demand results;
- 10 means to compare current demand results to desired demand requirement request;
- 11 means to lower strike prices if the current demand results is less than the desired demand
- 12 requirement request;
- 13 means to maintain strike prices unmodified if the current demand results is the same as
- 14 the desired demand requirement request;
- 15 means to raise strike prices if the current demand results is greater than the desired
- 16 demand requirement request.

1 77. A system for using a computer to generate reports, comprising:

2 means to traverse a navigation location for a commerce demand system;

3 means to obtain login information;

4 means to provide a desired demand requirement facility;

5 means to obtain desired demand requirement request;

6 means to update the strike price.

1 78. A system for using a computer to generate reports, comprising:

2 means to obtain current demand results;

3 means to query an associated databases based on the demand survey request;

4 means to compare current demand results to the desired demand requirement request;

5 means to lower strike prices if the current demand results is less than the desired demand requirement request;

6 means to raise strike prices if the current demand results is greater than the desired demand requirement.

1 79. A memory for access by a program module to be executed on a processor,

2 comprising:

3 a data structure stored in the memory, the data structure comprising:

4 a provision type;

5 a strike price for the provision type;

6 a desired level of demand type for the provision type.

1 80. The data structure of claim 79, further comprising a provider type.

1 81. The data structure of claim 79, further comprising an associated consumer
2 demand system type.

1 82. The data structure of claim 79, further comprising a quantity limit type for
2 available provisions.

1 83. The data structure of claim 79, further comprising an expiration date for the
2 provision type.

1 84. The data structure of claim 79, further comprising an expiration date for the
2 strike price.

1 85. The data structure of claim 79, further comprising an expiration date for the
2 desired level of demand.

1 86. The data structure of claim 79, wherein the provision type includes all
2 provisions.

1 87. The data structure of claim 79, wherein the provision type includes groups of
2 provisions.

1 88. A memory for access by a program module to be executed on a processor,
2 comprising:

3 a data structure stored in the memory, the data structure comprising:

4 a conditional purchase offer type;

5 an expiration date for the conditional purchase offer.

1 89. A method of using a computer system to generate reports, comprising:
2 populating a database with collected information;
3 receiving a request specifying criteria for selecting desired portions of collected
4 information, said criteria generated from a user's selections made within a user interface;
5 selecting desired portions of collected information based on the user's specified criteria;
6 and
7 generating a report of results of desired portions of collected information from the
8 information selected based on the user's specified criteria.

1 90. The method of claim 89, wherein the collected information is related to
2 commerce.

1 91. The method of claim 89, wherein the collected information is related to
2 demand.

1 92. The method of claim 89, wherein said criteria for selecting collected
2 commerce information includes targeted demand levels for the goods or services.

1 93. The method of claim 93, further comprising,
2 calculating suggested strike prices at targeted demand levels based on the requested
3 targeted demand levels,
4 wherein the strike price is a minimum price at which a conditional purchase offer will
5 be accepted; and
6 transmitting the suggested strike prices in response to the request specifying targeted
7 demand levels for the goods or services.

1 94. The method of claim 89, wherein the computer system is accessible at a
2 traversed navigation location and provides facilities tailored for a commerce system.

1 95. The method of claim 94, wherein the computer system is tailored for air travel
2 commerce.

1 96. The method of claim 94, wherein the computer system is tailored for hotel
2 commerce.

1 97. The method of claim 89, wherein the database is from an associated
2 commerce system.

1 98. The method of claim 97, wherein the database association is based on login
2 information.

1 99. The method of claim 97, wherein the database association is preset based on a
2 tailored commerce system.

1 100. The method of claim 97, wherein the database association is limited to
2 databases specific to a provider.

1 101. The method of claim 97, wherein the associations are based on selection
2 results made in a database selection facility.

1 102. The method of claim 89, wherein selecting demand information is limited to a
2 specified vendor.

1 103. The method of claim 89, wherein selecting demand information is limited to
2 cached rejected CPOs.

1 104. The method of claim 89, wherein selecting demand information is limited to
2 unaccepted unexpired CPOs.

1 105. The method of claim 89, wherein selecting demand information is limited to
2 pending CPOs.

1 106. The method of claim 89, wherein selecting demand information includes
2 accepted CPOs.

1 107. The method of claim 89, wherein selecting demand information includes
2 historic demand information.